

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

(Use as many sheets as necessary)

Sheet

2

of

2

Application Number

Filing Date

05/12/2005

First Named Inventor

Harder et al.

**Art Unit**

Examiner Name

Unknown

Attorney Docket Number

117163.00137

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	BF	DE 101 28 100 A1	12/19/2002	Meyer-Lindenberg, et al.		
	BG	DE 197 31 021 A1	01/21/1999	Heublein, Bernd		
	BH	EP 0 518 061 A2	12/16/1992	Rehau AG & Co.		
				*references not in English		

Examiner Signature	/Barbara S. Frazier/	Date Considered	02/12/2008
-----------------------	----------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

PTO/SB/08a (08-03)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

Application Number	JCT3 Rec'd PCT/PTO 13 MAY 2005
Filing Date	05/12/2005
First Named Inventor	Harder et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	117163.00137

Sheet	1	of	2
-------	---	----	---

[illegible]

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/B.S.F./	BA	WO 02/100452 A1	12/19/2002	Meyer-Lindenberg, et al.	abstract only	
	<del>BB</del>	<del>EP 0 770 391 A2</del>	<del>05/02/1997</del>	<del>de Lacharrière, et al.</del>	<del>not in English</del>	
	<del>BC</del>	<del>DE 199 45 049 A1</del>	<del>03/22/2001</del>	<del>Hausdorf, et al.</del>	<del>not in English</del>	
	<del>BD</del>	<del>DE 1953 241</del>	<del>05/13/1971</del>	<del>Stroganow, et al.</del>	<del>not in English</del>	
	<del>BE</del>	<del>DE 101 18 603 A1</del>	<del>10/17/2002</del>	<del>Hausdorf, et al.</del>	<del>not in English</del>	

02/12/2008

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO			JC13 Rec'd PTO Complete if known 13 MAY 2005		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number		
			Filing Date	05/13/2005	
			First Named Inventor	Harder et al	
			Art Unit	Unknown	
			Examiner Name	Unknown	
Sheet	1	of	2	Attorney Docket Number	117163.00137

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/B.S.F./		S. Hirano, N. Kodama, K. Shibata and K.T. Suzuki, "Metabolism And Toxicity Of Intravenously Injected Yttrium Chloride in Rats," Toxicology and Applied Pharmacology, Academic Press, Inc., No.121, p.224-232, (March 24, 1993)	
		C. PICONI AND G. MACCAURO, "ZIRCONIA AS A CERAMIC BIOMATERIAL," ELSEVIER, Elsevier Science Ltd., p. 1-25, (December 18, 1997).	
		S.HIRANO, N. KODAMA, K. SHIBATA AND KT. SUZUKI, "Distribution, Localization, And Pulmonary Effects Of Yttrium Chloride Following Intratracheal Instillation Into The Rat," Toxicology and Applied Pharmacology, Academic Press, Inc., No. 104, p. 301-311, (March 5, 1990).	
		K. T. SUZUKI, E. KOBAYASHI, Y. ITO, H. OZAWA AND E. SUZUKI, "Localization And Health Effects Of Lanthanum Chloride Instilled Intratracheally Into Rats," Toxicology, Elsevier Scientific Publishers (Ireland), No. 76, p. 141-152, (August 19, 1992).	
		K. MARUBASHI, S. HIRANO, AND K. T. SUZUKI, "Effects Of Intratracheal Pretreatment With Yttrium Chloride On Inflammatory Responses Of The Rat Lung Following Intratracheal Instillation Of YCl <sub>3</sub> ," Toxicology Letters, Elsevier Science (Ireland), No. 99, p. 43-51, (July 16, 1998).	
		Y. CHEN, Z.D. CAO, Y. LU, X.R. WANG, "Effects Of Rare Earth Metal Ions And Their EDTA Complexes On Antioxidant Enzymes Of Fish Liver," Bulletin of Environmental Contamination and Toxicology, Springer-Verlag (New York), No. 65, p. 357-365, (June 13, 2000).	
		L. CUNAT, H. MEMBRE, L. MARCHAL, M. CHAUSSIDON; AND D. BURNEL, "The Effects Of Aluminum, Iron, Chromium And Yttrium On Rat Intestinal Smooth Muscle In Vitro," Biological Trace Element Research, Humana Press, p. 43-59, (September 6, 1987).	
		B. HEUBLEIN, R. ROHDE, M. NIEMEYER, V. KAESE, W. HARTUNG, "Degradation Of Metallic Alloys - A New Principle In Stent Technology," (February 2000)	
		B. MILINAR AND J. ENYEART, "Block Of Current Through T-Type Calcium Channels By Trivalent Metal Cations And Nickel In Neural Rat And Human Cells," Journal of Physiology, p. 639-652, (November 17, 1992).	
/B.S.F./		A.M. BEEDLE, J. HAMID, G.W. ZAMPONI, "Inhibition of Transiently Expressed Low-And-High-Voltage-Calcium Channels By Trivalent Metal Cations," The Journal of Membrane Biology, Springer-Verlag (New York), p. 225-238, (February 6, 2002).	

Examiner Signature	/Barbara S. Frazier/	Date Considered	02/12/2008
--------------------	----------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				<b>JCT3 REC'D PCT/PTO 13 MAY 2005</b> <b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	
				Filing Date	05/13/2005
				First Named Inventor	Harder et al
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	117163.00137

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/B.S.F./		Y. WANG, M. ZHANG AND X. WANG, "Population Growth Responses Of Tetrahymena Shanghaiensis In Exposure To Rare Earth Elements," Biological Trace Element Research, Humana Press, Inc., p. 265-275 (2000)	
↓		V.D. APPANNA, R. D. HAMEL, E. PANKAR AND S. PUISEUX-DAO, "Bioaccumulation Of Yttrium In Pseudomonas Fluorescens And The Role Of The Outer Membrane Component(s)," Microbios, The Faculty Press (Great Britain), p. 19-30, (2001)	
↓		J. LEVESQUE, D. DUBE, M. Fiset AND D. MANTOVANI, "Investigation Of Corrosion Behaviour Of Magnesium Alloy AM60B-F Under Pseudo-Physiological Conditions," Materials Science Forum, Trans Tech Publications (Switzerland), p. 521-526, (2003)	
↓		Aleksakhina NN, Miriasova LV, Basnak'ian IA, "Effect Of Metal Oxides On The Growth, Hemolytic and Serologic Properties of Klebsiella Pneumoniae," Zh Mikrobiol Epidemiol Immunobiol, 6:13-8 (Nov-Dec, 2002)	
/B.S.F./	*	Yang H. Ji Q, Zhang X, "Studies On Effects of Yttrium Chloride and Praseodymium Chloride on Frequency of Micronucleus in Human Blood Lymphocytes," Zhonghua Yu Fang Yi Xue Za Zhi, 32(3): 156-158 (1998)	

Examiner Signature	/Barbara S. Frazier/	Date Considered	02/12/2008
--------------------	----------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.